



# STIC EIC 2100 Search Request Form

117816

Today's Date:

3/25/04

What date would you like to use to limit the search?

Priority Date: 10-26-01

Other:

Name Jungwon Chang

AU 2154 Examiner # 77446

Room # 5A06 Phone 305-9669

Serial # 10/036,052

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other Google

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

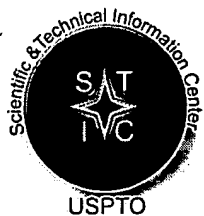
What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Web service provisioning in mobile/wireless communication

STIC Searcher Carol Wong Phone 305-9669

Date picked up 3-25-04 Date Completed 3-25-04





# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 117876

TO: Jungwon Chan  
Location: ~~4B02~~ 5A06  
Art Unit : 2154  
Thursday, March 25, 2004

Case Serial Number: 10/036058

From: Carol Wong  
Location: EIC 2100  
PK2-4B33  
Phone: 305-9729

carol.wong@uspto.gov

### Search Notes

Dear Examiner Chan,

Attached are the search results (from commercial databases) for your case. Due to the three hour 'Fast & Focused' time limitation, foreign patent files were not searched.

Color tags mark the non-patent articles which appear to be most relevant to the case. Pls note that no articles are tagged for the full-text NPL files – since so many seem to be relevant. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in PK2-4B40.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,  
Carol




[Advanced Search](#)
[Preferences](#)
[Language Tools](#)
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[Web](#) - [Images](#) - [Groups](#) - [Directory](#) - [News](#)

 Searched the web for **wireless service provider web service provision**. Results **1 - 10** of about **181,000**. Search

### [@config.com - Internet Services Provision \(ISP\) Wireless and ...](#)

... Maybe, it's time to switch **providers**? ... day 2002 we implemented high speed broadband

**wireless** in Portage ... **Service** is available within about a 7 mile radius of ...

Description: Publisher of community directories, offering **web** hosting and consumer internet access in Portage and...

Category: [Regional](#) > [North America](#) > ... > [Internet](#) > [Access Providers](#)

[www.config.com/](#) - 59k - Mar 24, 2004 - [Cached](#) - [Similar pages](#)

### [Google Directory - Business > Telecommunications > Wireless > ...](#)

... of satellite, microwave, and fixed **wireless** access solutions. ... Satellite

#### **Service Provider**

- <http://www.satlink-com.com> ... Downlink And Turnaround **services** for News ... directory.google.com/Top/Business/Telecommunications/

[Wireless/Service\\_Providers/Satellite/](#) - 83k - Mar 24, 2004 - [Cached](#) - [Similar pages](#)

### [Sun Microsystems - Solutions: Telecommunications Industry](#)

... handset features Canada's largest **wireless service provider**, Bell Mobility ... games -

to personalize **wireless** handheld devices ... Watch Sun's Quarterly **Web** Event. Learn ...

[www.sun.com/products-n-solutions/telecom/](#) - 35k - [Cached](#) - [Similar pages](#)

### [Application Service Provision](#)

... ISVs prepare their applications for the **web**, giving developers ... focusing on mobile

portals and **wireless** application **service providers** (ASPs) which ...

[www.elpub.org/top041.htm](#) - 22k - [Cached](#) - [Similar pages](#)

### [PRESS RELEASE: AirLok™ Model 300 Delivers Wireless](#)

#### **Services to ...**

... is a privately held **Wireless Internet Service Provider** (WISP) and **Wireless Network**

Integrator. ... The company currently offers Wi-Fi **services** in South Florida ...

[www.prweb.com/releases/2004/2/prweb104288.php](#) - 24k - [Cached](#) - [Similar pages](#)

### [Cellular and Paging Service Providers Information at Business.com](#)

... from over 2,000 stores across the **web**. ... activity is the **provision** of telecommunication ... Midwest

**Wireless Communications A wireless service provider** with coverage ...

[www.business.com/.../wireless/personal\\_communications/](#)

[cellular\\_and\\_paging/service\\_providers/](#) - 87k - [Cached](#) - [Similar pages](#)

### [Service Provision - Articles - Purchasing Research Service](#)

... The article highlights the sort of pressures equipment makers and **service**

#### Sponsored Links

#### **Wireless Service Provider**

Only from Nextel®: Get Wireless Web with 60 bonus minutes!

[www.nextel.com](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

#### **Wireless Service**

Wireless Plans Starting at \$19.99

Only Online. Restrictions apply.

[ATTWireless.com](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

#### **Cingular Wireless**

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#### **Wireless Providers**

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[www.Shopping.com](#)

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[www.callingneeds.com](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

#### **Wireless Service**

Find the best deal! Compare prices on all products from across the web

[www.mysimon.com](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

#### **Wireless Plan Buyer Guide**

Compare Wireless Phone Service

Choose provider suiting your needs

[www.WirelessGuide.org/](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

#### **Compare Cellular Rates**

Save money on your Wireless Plans

Get Cheap Cellphones - More Minutes

[www.cheapcellphones.com](#)

Interest: [Interest: \\_\\_\\_\\_\\_](#)

[See your message here...](#)

**providers** are under. From **Wireless Web**. 6. Webb on **Wireless**. ...

www.purchasingresearchservice.com/js/rs/pid\_1.site\_1.cat\_5922.dcc\_13.html - 42k - Mar 24, 2004 - [Cached](#) - Similar pages

## Web Hosting Industry News | Cable & Wireless may pull out of US

... is to implement intelligent middleware such as **Web services**. ... is an expensive proposition for any **service provider**. ... revealed that Cable & **Wireless** is currently ...

thewhir.com/features/cw-usa.cfm - 36k - Mar 24, 2004 - Cached - Similar pages

**Cisco Systems - Deutschland - Service Provider - Anwender Home - IP ...**

... Cable & **Wireless**, USA, Large Business ... Large Business, Application Infrastructure  
**Provision, Web** Hosting. ... as, Consumers , Large Business , **Service providers** on a ...

www.cisco.com/global/DE/solutions/ sp/anwender/ip services/cpn.shtml - 63k - Cached - Similar pages

## Lucent Technologies' alliance program to enhance service-provision ...

... software and systems integration solutions **provider** for **wireless** and ... The TCS Prepaid

**Wireless** application supports prepayment ... the need for a **service** bureau or ...

www.lucent.com/press/0399/990325.nsa.html - 27k - Cached - Similar pages



Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

wireless service provider web service  Search within results

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L Number	Hits	Search Text	DB	Time stamp
1	117	(internet adj provider) with network	USPAT	2004/03/25 15:00
2	38	(internet adj provider) with ip	USPAT	2004/03/25 16:03
3	0	6615038.pn. and interent\$5	USPAT	2004/03/25 16:58
4	1	6615038.pn. and internet\$5	USPAT	2004/03/25 16:05
5	1	6615038.pn. and ('3'g iwf '150' internet)	USPAT	2004/03/25 16:22
6	25	ip adj communication adj network	USPAT	2004/03/25 16:43
7	9	(internet ) with (network adj (application service)) with (graphic video audio)	USPAT	2004/03/25 16:53
8	11	(wireless adj service adj provider) with (iwf (interworking adj function))	USPAT	2004/03/25 17:20
9	1	6675208.pn. and isp	USPAT	2004/03/25 16:55
10	1	6615038.pn. and ( service adj provider\$5)	USPAT	2004/03/25 16:58
11	30	internet near inherent	USPAT	2004/03/25 17:15
12	15	(wireless adj service adj provider) with (web )	USPAT	2004/03/25 17:20
-	0	web near provision\$5 near service	USPAT	2004/03/24 14:42
-	1130	provision\$5 near service	USPAT	2004/03/24 15:29
-	1	6615038.pn. and web	USPAT	2004/03/24 15:15
-	0	6615038.pn. and browser\$5	USPAT	2004/03/24 16:53
-	1	6615038.pn. and (application page audio browse\$5 video)	USPAT	2004/03/24 15:26
-	50	wireless\$5 near3 provision\$5 near3 service\$3	USPAT	2004/03/24 15:29
-	7	( wireless\$5 near3 provision\$5 near3 service\$3) with (web hyperlink\$5 page\$5 application\$5)	USPAT	2004/03/24 15:29
-	7	( wireless\$5 near3 provision\$5 near3 service\$3) with (web hyperlink\$5 www page\$5 application\$5)	USPAT	2004/03/24 15:31
-	13	(web near3 provision\$5 near3 service\$3)	USPAT	2004/03/24 15:34
-	1173	(mobile\$5 cellular\$3 handheld\$5) near9 web	USPAT	2004/03/24 15:35
-	350	((mobile\$5 cellular\$3 handheld\$5) near9 web) and (709/\$ 379/\$ 455/\$).cccls.	USPAT	2004/03/24 16:30
-	19	(web adj service\$5) with (mobile\$5 wireless\$5 cellular)	USPAT	2004/03/24 16:46
-	16	(web adj service\$5) same (mobile\$5 )	USPAT	2004/03/24 16:46
-	83	(web near3 service\$5) same (mobile\$5 )	USPAT	2004/03/24 16:53
-	1	6615038.pn. and internet\$5	USPAT	2004/03/24 17:16
-	69	provision\$5 near9 web near9 service\$5	USPAT	2004/03/24 17:19
-	4375	internet near (service adj provider\$5)	USPAT	2004/03/24 17:20
-	0	((('3' adj g) adj mobile\$5) with (internet adj provider\$5)	USPAT	2004/03/24 17:21
-	0	((('3' adj g) ) with (internet adj provider\$5)	USPAT	2004/03/24 17:37
-	1	("6591248").PN.	USPAT	2004/03/25 11:54

Set	Items	Description
S1	3074	IPAQ OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR PDA OR PDAS OR HANDSPRING OR PIM OR PIMS OR PALMPILOT OR PALMTOP? OR PALM OR NEWTON OR BLACKBERRY
S2	134	(PEN OR STYLUS OR POCKET) (2W) (COMPUTER? ? OR DEVICE?) OR R- ADIOPHONE?
S3	1097	POCKETPC? OR PERSONAL()INFORMATION()MANAGER? OR PERSONAL()- (DIGITAL OR DATA)() (ASSISTANT? OR ORGANIZER? ?) OR CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE?
S4	1506	(RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR - MOBILE OR MICROCELL? OR WIRELESS OR WIRE()LESS OR FLIP) (1W) (T- ELEPHONE? OR PHONE? ? OR HANDSET? OR HAND()SET? ?)
S5	554	RADIOPAGER? OR PAGER? OR PAGING(1W) (DEVICE? OR UNIT? ? OR - APPARATUS? OR APP?? ? OR TERMINAL? OR APPLIANCE?) OR VIEWPHON- E? OR SMARTPHONE? OR RADIOTELEPHONE?
S6	0	PERSONAL()DISPLAY?() (DEVICE? OR UNIT? ? OR APPARATUS? OR A- PP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS OR COMPUTER? ?)
S7	9234	SELFCONTAIN? OR SELF()CONTAIN? OR MOBILE OR PORTABLE OR WI- RELESS OR WIRE()LESS OR HANDHELD OR HAND()HELD OR POCKET OR IR OR INFRARED
S8	2557	S7(2W) (CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? OR UNIT? ? OR APPARATUS? OR APP?? ? OR ORGANIZER? OR TERMINAL? OR APPLIANCE?)
S9	47	PALMSIZE? OR PALMHOLD? OR FLIPPHONE? OR VIDEOPHONE? OR PIC- TUREPHONE? OR (VIDEO OR PICTURE) (1W) (TELEPHONE? OR PHONE? ? OR HANDSET? OR HAND()SET? ?)
S10	4864	(INTERNET? ? OR WEB OR NET OR WWW OR W3) (1W)SERVICE? ?
S11	2888	ISP OR ISPS OR AOL OR AMERICA(1W) (ONLINE OR LINE) OR COMPU- SERV? ? OR COMPU()SERV? ? OR EARTHLINK OR EARTH()LINK OR EXCI- TE(1W)HOME
S12	89	ISTAR OR SYMPATICO OR NETCOM OR NET()COM
S13	5266	(SERVICE OR SERVICES) (1W) (PROVID???? ? OR PROVISION?)
S14	409	WEBPAGE? OR WEBSITE? OR CYBERSPACE? ? OR CYBER()SPACE? ?
S15	109	(S1:S6 OR S8:S9) (10N)S10:S11
S16	1693	S10(10N)S13
S17	30	S15 AND S16
S18	17	S17/2001:2004
S19	13	S17 NOT S18
S20	9	RD (unique items)

20/7/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00124338 DOCUMENT TYPE: Review

PRODUCT NAMES: WAP (839027)

TITLE: WAP: Information without wires

AUTHOR: Blake, Paul

SOURCE: Information Today, v17 n7 p12(2) Jul/Aug 2000

ISSN: 8755-6286

HOME PAGE: <http://www.infotoday.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Europe has always been ahead of the U.S. in the ability to use cell phones to access information services via the Internet, but the U.S. is poised to catch up. In the United Kingdom, the advantages of Wireless Application Protocol (WAP) phones are almost relentlessly promoted in newspapers, since WAP phones provide ubiquitously available e-mail and stock quotes as well

as mobile editions of newspapers that are updated many times each day. Cap Gemini reveals that North America is headed in the same direction and that the number of people using cell phones for wireless data applications could increase from 3 percent today to 78 percent in the next year. Cap Gemini also predicts that 88 percent of U.S. cell phone users of the future will use them to access e-mail, personal data, and business information. Wireless access via cell phones is also poised to expand globally. Another analyst indicates that by 2003, there will be about 500 million mobile phone subscribers. 106 million of these will receive news updates or e-mail on their phones. WAP is supported by Motorola, Nokia, and Ericsson and depends on Wireless Markup Language, not HTML. Therefore, information has to be conveyed through dedicated WAP servers. An early promoter of news via WAP is 'The Guardian,' which provides its readers with access to news from any location over many types of devices. For WAP phone users, Guardian Unlimited has agreements with **mobile phone operators**, which are the **Internet service providers (ISPs)** of the **cell phone world**.

REVISION DATE: 20030330

20/7/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00122796 DOCUMENT TYPE: Review

PRODUCT NAMES: **Wireless Internet (840408)**

TITLE: **The Net/Wireless Meeting Of The Minds**  
AUTHOR: McGinity, Meg  
SOURCE: Interactive Week, v7 n9 p14(1) Mar 6, 2000  
ISSN: 1078-7259  
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Microsoft is collaborating with Vodafone AirTouch and Nextel Communications to offer the wireless MSN Mobile 2.0 service, and America Online's AOL Anywhere will be offered by Sprint PCS and BellSouth, among other providers. These deals are examples of the 'climate of cooperation' that has developed between unlikely partners. According to Jeff Bezos, CEO and founder of Amazon.com, by the end of the decade, almost all e-commerce will be conducted over wireless devices. Amazon has deals with wireless operators such as Bell Atlantic Mobile and Sprint PCS to offer site access to wireless customers. Compaq Computer CEO Michael Capellas also predicts that within four years, 60 percent of calls will be made on wireless devices, and the fat PC will be replaced by **mobile Net devices**. Steve Case, CEO of AOL, says AOL wants to work with carriers instead of trying to re-invent the wheel. This trend could further fade the boundaries separating operators, say industry experts. Therefore, within five years, Internet companies and wireless companies will be indistinguishable, according to the president and CEO of Phone.com and founder of the WAP Forum. Wireless Application Protocol (WAP) permits complex mobile phone-enabled transactions, and according to Bezos, wireless operators will have to offer users flat rate prices in order to be successful; an alternative model that wireless operators might prefer is 'by the bit' billing, although Bezos contends this method is too complex for end-users.

REVISION DATE: 20030327

20/7/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00122249 DOCUMENT TYPE: Review

PRODUCT NAMES: OmniSky Beta (790214)

TITLE: OmniSky service beta soars over Palm.Net  
AUTHOR: Bethoney, Herb  
SOURCE: PC Week, v17 n8 p49(2) Feb 21, 2000  
ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

OmniSky's OmniSky service provides a wide selection of wireless Internet services to Palm V owners, while avoiding the troublesome pricing scheme of 3Com's Palm . Net service , which is OmniSky's primary competitor. Recently, OmniSky introduced its service and a slim wireless modem from Novatel Wireless as part of a beta program. OmniSky will launch its service early in 2000. The service includes wireless access to the Internet and an exclusive Novatel Minstrel V CDPD modem that links to the Palm V. Pricing is not yet available, but the wireless service will be priced at a flat monthly fee of under \$50 with unlimited access. This pricing is more congruent with corporate users' needs than the per-kilobyte pricing model of the Palm VII Palm . Net service , which has erratic monthly fees. In the short term, OmniSky is the best choice for users with substantial wireless needs, and OmniSky's flat pricing should make 3Com offer a more attractive pricing package. In the long run, OmniSky's abilities will also be available on 3Com's Palm VII device because 3Com is an OmniSky backer. However, OmniSky plans to support Windows CE and Wireless Access Protocol-based devices. This support will ensure that OmniSky remains the leader in the industry.

REVISION DATE: 20030330

20/7/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00119979 DOCUMENT TYPE: Review

PRODUCT NAMES: Wireless Web (777366); AvantGo Enterprise Interactive 3.0 (777374); ProxiNet (777382); ScoutWeb (777391); AOL Anywhere (777404)

TITLE: Hello, Half a Billion of Us Want the Net via Phone  
AUTHOR: Hayden, David  
SOURCE: Internet World, v5 n33 p58(2) Nov 15, 1999  
ISSN: 1097-8291  
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Sprint's Wireless Web, AvantGo's AvantGo Enterprise 3.0, Puma Technology's ProxiNet, Riverbed Technologies' ScoutWeb, and America Online's AOL Anywhere are highlighted in a discussion of the increasing popularity of mobile Web access via Wireless Access Protocol (WAP) and Short Messaging Service (SMS) technologies. They allow mobile phone users to access Internet content and services. To support these users, World Wide Web developers will have to provide useful, formatted content to the many second-generation smart phones that will be widely used in the next few years. Some features needed are the ability to save favorite bookmarks from a minibrowser; checking updated stock prices of placing trades; using HTML-to-WML/HDML converters to deliver all personalized services; typing in a HTML/WML uniform resource locator (URL) with a numeric keypad, and use of the keypad to make menu selections. One way to find out how far along development is for smart phones is to go to the site of Phone.com, the leader WAP browser provider. Phone.com provides training courses in HDML



(Handheld Device Markup Language) and WML (Wireless Markup Language) about every six weeks. People can obtain books and CD-ROMs if they are not able to take courses in the San Francisco area or prefer self-paced learning.

REVISION DATE: 20030728

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File 2:INSPEC 1969-2004/Mar W2  
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(c) 1998 Inst for Sci Info  
File 483:Newspaper Abs Daily 1986-2004/Mar 24  
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S1	149163	IPAQ OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR PDA OR PDAS OR HANDSPRING OR PIM OR PIMS OR PALMPILOT OR PALMTOP? OR PALM OR NEWTON OR BLACKBERRY
S2	4509	(PEN OR STYLUS OR POCKET) (2W) (COMPUTER? ? OR DEVICE?) OR R- ADIOPHONE?
S3	14779	POCKETPC? OR PERSONAL() INFORMATION() MANAGER? OR PERSONAL() - (DIGITAL OR DATA) () (ASSISTANT? OR ORGANIZER? ?) OR CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE?
S4	115448	(RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR - MOBILE OR MICROCELL? OR WIRELESS OR WIRE() LESS OR FLIP) (1W) (T- ELEPHONE? OR PHONE? ? OR HANDSET? OR HAND() SET? ?)
S5	12472	RADIOPAGER? OR PAGER? OR PAGING(1W) (DEVICE? OR UNIT? ? OR - APPARATUS? OR APP?? ? OR TERMINAL? OR APPLIANCE?) OR VIEWPHON- E? OR SMARTPHONE? OR RADIOTELEPHONE?
S6	8	PERSONAL() DISPLAY? () (DEVICE? OR UNIT? ? OR APPARATUS? OR A- PP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS OR COMPUTER? ?)
S7	1800898	SELFCONTAIN? OR SELF() CONTAIN? OR MOBILE OR PORTABLE OR WI- RELESS OR WIRE() LESS OR HANDHELD OR HAND() HELD OR POCKET OR IR OR INFRARED
S8	85641	S7(2W) (CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? OR UNIT? ? OR APPARATUS? OR APP?? ? OR ORGANIZER? OR TERMINAL? OR APPLIANCE?)
S9	6377	PALMSIZE? OR PALMHOLD? OR FLIPPHONE? OR VIDEOPHONE? OR PIC- TUREPHONE? OR (VIDEO OR PICTURE) (1W) (TELEPHONE? OR PHONE? ? OR HANDSET? OR HAND() SET? ?)
S10	64966	(INTERNET? ? OR WEB OR NET OR WWW OR W3) (1W) SERVICE? ?
S11	44318	ISP OR ISPS OR AOL OR AMERICA(1W) (ONLINE OR LINE) OR COMPU- SERV? ? OR COMPU() SERV? ? OR EARTHLINK OR EARTH() LINK OR EXCI- TE(1W) HOME
S12	2393	ISTAR OR SYMPATICO OR NETCOM OR NET() COM
S13	96130	(SERVICE OR SERVICES) (1W) (PROVID???? ? OR PROVISION?)
S14	38912	WEBPAGE? OR WEBSITE? OR CYBERSPACE? ? OR CYBER() SPACE? ?
S15	29337	S10(10N) S13
S16	372	(S1:S6 OR S8:S9) (10N) S11
S17	186	(S1:S6 OR S8:S9) (10N) S15

S18	105	S16/TI, ID
S19	22	S17/TI, DE, ID
S20	124	S18:S19
S21	44	S20/2001:2004
S22	80	S20 NOT S21
S23	76	RD (unique items)
?		

23/7/46 (Item 1 from file: 233)  
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00600536 00PW04-017

**Beyond free-mail**

Bertolucci, Jeff; Lake, Matt  
PC World , April 1, 2000 , v18 n4 p151-164, 10 Page(s)  
ISSN: 0737-8939

Presents a guide to free online services in the categories of electronic mail, personal information managers (PIMs), Internet service providers (ISPs), Web hosting, and Web storage and backup. Presents five tables comparing five electronic mail wares, four PIMs, three ISPs, five Web hosts, and three storage sites. Products reviewed are: Excite Inbox, Hotmail, Mail.com, ProntoMail, Yahoo! Mail, AnyDay.com, Excite Planner, Visto.com, Zkey.com, AltaVista, Freei.net, NetZero, Freeservers.com, Geocities, Homestead, Tripod, Xoom.com, FreeDiskSpace.com, I-drive, and X:drive. Explains that the ``Best Buy'' designation was given to Hotmail and Yahoo! Mail for electronic mail, AnyDay.com for PIMs, Freei.net for ISPs, Homestead for Web hosting, and X:drive for storage. Includes three photos, four sidebars, five tables, and one screen display. (MEM)

23/7/47 (Item 2 from file: 233)  
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00581153 00CR03-310

**The next big thing**

Jastrow, David; Hersch, Warren S  
Computer Reseller News , March 27, 2000 , n887 p3, 1 Page(s)  
ISSN: 0893-8377

Company Name: Agency.com; Proxicom; Gearworks.com

Reports that wireless technology is now finding applications in industries such as trucking and banking. Cites the example of Gearworks.com, a Northfield, MN-based provider of wireless services, which has developed a tracking system called TruckTrack that integrates GPS technology with handheld devices. States that while the clientele for wireless solutions is growing, integrators are being extra careful in choosing the vendors with whom they forge partnerships. Notes that in a poll of 350 Web developers in North America, 55 percent said they will shift less than 5 percent of their e-business efforts to wireless Internet services over the next six months. However, says some companies such as Agency.com and Proxicom believe the market is already changing the way companies do business. According to Agency.com, within a year, the majority of Web surfers will access the Internet from a mobile phone or device. Contains one photo. (sps)

23/7/48 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00580636 00CW03-006

**AOL signs deals with six wireless device makers**

Weil, Nancy  
Computerworld , March 6, 2000 , v34 n10 p70, 1 Page(s)  
ISSN: 0010-4841

Reports that America Online (AOL) has partnered with six wireless device makers, namely Arch Communications Group Inc., BellSouth Corp., Research in Motion Ltd., Motorola Inc., Nokia Corp., and Sprint PCS Group as part of its ``AOL Anywhere'' strategy to expand wireless Internet access to AOL online services. Explains that Sprint PCS mobile telephones will offer AOL content. Notes that Motorola devices will offer access to AOL Mobile Messenger. Mentions the development of an AOL Instant Messaging (AIM) chat service version for Nokia devices. Explains the availability of AOL electronic mail and messaging to BellSouth customers. Reports that Research

in Motion's devices will offer AOL Mobile Messenger, while Arch Communications units will provide two-way wireless messaging. (MEM)

**23/7/49 (Item 4 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00580044 00WQ03-004

**AvantGo Enterprise Interactive; Palm VII**

Hayes, Simon

Web Techniques , March 1, 2000 , v5 n3 p32-33, 2 Page(s)

ISSN: 1086-556X

Company Name: AvantGo; Palm Computing

URL: <http://www.avantgo.com> <http://www.palm.com>

Product Name: AvantGo Enterprise Interactive; Palm VII

Presents a favorable review of two handheld devices for getting online, the AvantGo Enterprise Interactive (\$150 per user) from AvantGo, and the Palm VII (\$499 and monthly service charge starting at \$9.95) from Palm Computing. Indicates that AvantGo Enterprise Interactive consists of the AvantGo Server, AvantGo Client, and Mobile Application Link, and says it is fairly device-independent. Reports that the AvantGo servers do a good job of converting Web pages to usable channels on the fly, and calls this a more developed and better supported system than the Palm VII. States that the Palm VII is entirely self-contained, but requires the Palm.net specialized Internet Service Provider (ISP), which charges by the byte. Says that users can make their own query applications using HTML pages and images, and adds that Palm has achieved very attractive compression ratios. Calls Palm VII fast and responsi (jon)

**23/7/50 (Item 5 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00560627 00PK02-208

**OmniSky service beta soars over Palm.net**

Bethoney, Herb

PC Week , February 21, 2000 , v17 n8 p49, 58, 2 Page(s)

ISSN: 0740-1604

Company Name: OmniSky

URL: <http://www.omnisky.com>

Product Name: OmniSky

Presents a favorable review of OmniSky (\$50), a wireless Internet service from OmniSky Corp. of Palo Alto, CA (800). Explains that the service comes with the Minstrel V (\$299) wireless modem from Novatel Wireless Inc. for users of the Palm V hand-held device. Cites features such as applications that are user-friendly and built-in Palm V software, a flat pricing scheme, access to wide areas of Web content, a built-in rechargeable battery in the modem, and the ability to manage six separate Post Office Protocol (POP) electronic mail accounts. Notes, however, that modem shutdown is awkward. Concludes that it is a solid service that bests 3Com Corp.'s Palm.Net service. Recommends it for users with heavy wireless needs. Includes one sidebar, one photo, and a product summary. (MEM)

**23/7/51 (Item 6 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00549929 99PW10-007

**AOL unveils Version 5, eyes PDAs , TVs, even gas pumps**

Bertolucci, Jeff

PC World , October 1, 1999 , v17 n10 p59-60, 2 Page(s)

ISSN: 0737-8939

Company Name: America Online

Product Name: AOL 5

Discusses new features available from America Online (AOL). Says that

version 5 of its online software provides the ability to search AOL and the Web simultaneously. Notes that results are sorted by source. Warns that the search screen does not include links to other search engines. Says that a scheduler, My Calendar, can be accessed by any PC with AOL loaded, and will soon be accessible by other browsers. Describes how photographs can be delivered electronically from a local photo developer. Adds that deleted e-mail will be available for up to 24 hours. Examines other methods of access using Palm hand-held devices from 3Com, cellular phones, and touch-screens on gasoline pumps. Explains how AOL is bypassing AT&T's cable network using Digital Subscriber Line (DSL) service to provide high-speed Internet access. Includes two screen displays and one table. (amg)

23/7/52 (Item 7 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00543926 99PK08-021

**Dell advancing Web drive -- Company also announces an ISP bundle and a low-cost desktop system**

Nobel, Carmen

PC Week , August 2, 1999 , v16 n31 p39, 1 Page(s)

ISSN: 0740-1604

Reports that Dell Computer Corp. of Round Rock, TX (800) has launched the Dellnet program which bundles an Internet access service from partner UUNet with purchases of Dimension desktop or Inspiron notebook computers for small businesses and consumers. Mentions that Dellnet also offers 20MB of online backup for remote storage. Notes the introduction of the Dellnet.com portal, developed in conjunction with Snap, which will provide news content and software for the site. Explains that the site offers free Web-based electronic mail, a customized news service, and discounts on non-Dell services and products. Reports on the release of two business PCs, the 400MHz Dell OptiPlex GX100 (\$829) and the 466MHz GX100 (\$1,699), both powered by Celeron processors from Intel Corp. Includes one screen display. (MEM)

?t23/7/55-59,62,64-65,72-74,76

23/7/55 (Item 10 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00528497 99CW03-109

**Industry players set plans for Web devices -- Standards may be years away, but U.K. retailer sees promise now**

Collett, Stacy

Computerworld , March 8, 1999 , v33 n10 p20, 1 Page(s)

ISSN: 0010-4841

Reports on two business alliances aimed at Web-based standards to interconnect cell phones, personal digital assistants, and home appliances. Describes that 15 high-tech companies, including IBM Corp., Sun Microsystems Inc., and Oracle Corp. plan to create Java-based programming standards for Internet service providers (ISPs), network operators, and equipment manufacturers. Adds that Motorola Inc., Lucent Technologies Inc., and AT&T Corp. have formed the Voice Extensible Markup Language (VXML) Forum, to promote VXML standards for creating Web content and services to be accessed by phone. Details how Safeway Stores PLC, of the U.K., developed a remote shopping service with IBM that uses palm-size electronic devices, developed by 3Com Corp., to build and submit grocery orders. Adds that IBM is working with pharmaceutical companies and the automobile industry on new devices. (amg)

23/7/56 (Item 11 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00525474 99NR02-201

**Symbian ties handhelds and back ends, wirelessly**

Cox, John

Network World , February 15, 1999 , v16 n7 p8, 1 Page(s)

ISSN: 0887-7661

Company Name: Symbian; Microsoft; British Telecommunications

Reports that Symbian is creating a data-synchronization interface and protocol to make handheld applications running Symbian's Epoc operating system exchange data with servers easier. Says the upcoming Epoc API and protocol will create a standard synchronization technique for use while building new applications for Epoc devices and connect local PC application and remote server applications over a wired and wireless link. Comments that Windows CE is not catching on with wireless device makers and providers. States Microsoft and British Telecommunications (BT) a using Microsoft software as a foundation for a new Internet, intranet, and corporate data service offered by BT. Notes Symbian is considering using Jini technology. Concludes that Symbian is releasing improved Web browsing features for Epoc based on latest version of software from STNC, Ltd. of Edmonds, England. Includes one table. (CT)

**23/7/57 (Item 12 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00513936 98IW11-402

**3Com's Palm tightens link to Web apps**

Schwartz, Ephraim; Briody, Dan

InfoWorld , November 30, 1998 , v20 n48 p1, 25, 2 Page(s)

ISSN: 0199-6649

Reports that 3Com will launch a wireless version of the PalmPilot computer. Indicates that PalmPilot would serve as foundation for 3Com's initiative with Internet service providers. Hints at the product's availability schedule and price. States that 3Com is working on the Palm V handheld computer that would feature slimmer form factor and enhanced synchronization capabilities. Reports that 3Com will introduce a thinner form factor at its developer's conference in Santa Clara, California. Discusses the limitations of the PalmPilot. Describes the software products launched at the conference such as Pylon ServerSync from PylonPro. (XG8)

**23/7/58 (Item 13 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00489091 98LK03-008

**PDA problems? Find help online -- Own a personal digital assistant? You can find tips, software, and more on user group sites and manufacturers' sites**

Noack, David

LINK-UP , March 1, 1998 , v15 n2 p6, 1 Page(s)

ISSN: 0739-988X

Company Name: Apple Computer; U.S. Robotics; Psion; Microsoft

URL: newton.info.apple.com/newton/ palmpilot.3com.com/index.html

http://www.pilot.org/ http://www.psioninc.com/ http://www.microsoft.com/windowsce/default.asp

Product Name: Newton Site; Palm Pilot Web Page; PalmPilot Page; Psion ; Microsoft Windows CE Home Page

Presents a guide to Web sites and online service provider forums that offer useful information for Personal Digital Assistant owners. Lists eight Web sites associated with different manufacturers and operating systems, including Newton, Palm Pilot, Psion, and Windows CE. Also notes that CompuServe offers the Newton Vendors Forum, keyword NEWTVE, and the Palmtop Forum, keyword PALMB, and adds that America Online provides the PDA Forum, keyword PDA. Notes that the Palmtop Forum and the PDA Forum cover a wide range of products and manufacturers, and adds the Newton Vendors Forum has 11 categories of third-party software. (JC)

**23/7/59 (Item 14 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00481076 97MQ12-007

**Tiny computer, wide net**

Nadel, Brian

Mobile Computing & Communications , December 1, 1997 , v8 n12 p49, 1

Page(s)

ISSN: 1047-1952

Company Name: CompuServe

URL: http://www.sprynet.com

Product Name: SpryNet for Windows CE

Presents a favorable review of SpryNet for Windows CE (\$19.95, per month, unlimited use), a communications software kit for handheld PCs from CompuServe Inc. of Bellevue WA (206). Notes that this is specially designed to provide a simple solution for getting started online with a Windows CE device. Calls it easy to set up and use, and reasonably priced. Reports that it was easy to connect to points of presence (POPs) during testing, and notes that many of its POPs are the same used by CompuServe. However, complains that users cannot participate in CompuServe forums, and that users cannot send or receive e-mail attachments. Also mentions setup difficulties when transferring the data to the handheld device. Concludes that this is a reliable solution for connecting to the Internet via handheld computer. Includes one screen display and one product summary. (kgh)

**23/7/62 (Item 17 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00253591 92LK01-010

CompuServe **makes room for palmtops**

LINK-UP , November 1, 1991 , v8 n6 p15, 1 Page(s)

ISSN: 0073-9988

Company Name: CompuServe

Product Name: Palmtop Forum

Announces that CompuServe of Columbus, OH has just launched its Palmtop Forum (\$12.50/hour for 2400-bps; \$22.50/hour for 9600-bps), an online support and information source aimed at users of palmtop computers. Says that subscribers can get themselves updated on such products as the Casio BOSS and Atari Portfolio as well as vendors such as Traveling Software and Psion. Distinguishes between the two varieties of palmtops. (PAM)

**23/7/64 (Item 2 from file: 483)**

DIALOG(R)File 483:Newspaper Abs Daily  
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05918131 SUPPLIER NUMBER: 51443913

**ATLANTA TECH: AOL becomes latest to offer local content to wireless devices**

Katz, Frances

Atlanta Constitution, p F; 1

Mar 22, 2000

NEWSPAPER CODE: ATC

; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: America Online, the Microsoft Network and AccessAtlanta all have "Internet everywhere" products that will deliver local news, sports and entertainment to almost any electronic device you can imagine. The newest entry into the wireless fray is AOL's Digital City. AOL announced a nationwide rollout Tuesday of what it called Digital City.2000. The service will be available in 200 markets nationwide --- up from 60 --- and will also be accessible via wireless hand-held devices as part of an initiative called "Local Everywhere." Here in Atlanta, Digital City faces AccessAtlanta, the top ranked and rated city site in the country. According



to Media Metrix's fourth quarter report, AccessAtlanta ranked 11th in the Atlanta market, ahead of such nationally known sites as Excite, eBay and ZDNet. In Atlanta, Digital City ranked 48th on the list of 100 sites.

23/7/65 (Item 3 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05900718 SUPPLIER NUMBER: 49284328  
**e-finance: AOL teams up with Nokia and Ericsson Regulator investigates  
abuse of bulletin boards \* Leap forward for mobile access: ISP to  
provide content for internet mobile phones**  
Teather, David  
Guardian, p 1.26  
Feb 8, 2000  
NEWSPAPER CODE: MG  
DOCUMENT TYPE: News; Newspaper article  
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: AOL Europe, the internet service provider, yesterday moved to kickstart the market for web services over mobile phones by teaming up with handset manufacturers Nokia and Ericsson to develop online content. Andreas Schmidt, president and chief executive of AOL Europe, described the advent of mobile internet as a 'historic growth opportunity' for the company. It expects one-third of Europeans to be accessing the internet via wireless application protocol (WAP) mobile phones by 2004. Vice president of the group Christopher Hill said: 'We are trying to bring the AOL experience to mobile devices. In the next year or two it will probably be impossible to buy a mobile phone in Europe that is not internet enabled.'

23/7/72 (Item 10 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05602609  
**AOL Sees Future In Palms; Service to Add Link To Portable Devices**  
Luh, Shu Shin  
Washington Post, Sec E, p 1, col 6  
Jun 23, 1999  
ISSN: 0190-8286 NEWSPAPER CODE: WP  
DOCUMENT TYPE: News; Newspaper  
LANGUAGE: English RECORD TYPE: ABSTRACT  
LENGTH: Medium (6-18 col inches)

ABSTRACT: Starting late this summer, America Online subscribers will be able to send and receive e-mail on Palm computers, the portable devices now used by more than 4 million people, making the country's largest online service accessible to hand-held devices for the first time, AOL announced yesterday. Owners of older Palms without wireless features will be able to hook their units to telephone lines to send and receive. People who use the newly released wireless Palm VII will be able to get their e-mail, as well as a stripped-down version of AOL's content service, over the air. How many people would use the service is unclear, although AOL officials said there is a "strong overlap" between Palm users and AOL subscribers. AOL executives said they hope this deal will attract Palm users who aren't AOL subscribers. Analysts agreed that is likely.

23/7/73 (Item 11 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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04018940  
**Business digest: Newton to CompuServe**  
San Francisco Chronicle, Sec B, p 3, col 1  
Apr 25, 1996

NEWSPAPER CODE: SF  
DOCUMENT TYPE: News; Newspaper  
LANGUAGE: English RECORD TYPE: ABSTRACT  
LENGTH: Short (0-6 col inches)

ABSTRACT: Apple Computer Inc and CompuServe said they have inked an agreement that lets users of Apple's handheld Newton computers log onto CompuServe's Mail network.

23/7/74 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09207331  
Japan to set technology standards for cell phone ISPs  
JAPAN: TECHNOLOGY QUALITY FOR MOBILE PHONES ISP  
Nikkei Net Interactive (ATM) 07 Dec 1999 NihonKeizai Shimbun p.  
Language: ENGLISH

To encourage quality control, the Ministry of Posts and Telecommunication in Japan will set new standards or quality for technology by Internet Access providers (ISP). The issue came to be as there have been numerous complaints by users especially for mobile-phone Net-based services. There have been numerous transmission disruptions and this was caused mainly due to too many subscribers trying to get on-line at one time. The standard will be for specifying what kind of circuit is required by the ISP to support the number of users that it has and will take on in the future.

23/7/76 (Item 3 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09089798  
AOL to Offer PC-Free Internet Access  
US: SCREEN PHONES FOR INTERNET LINK AT AOL  
Wall Street Journal Europe (WSJ) 16 April 1999 p.5A  
Language: ENGLISH

Screen Phones are likely to be one of a variety of new devices sold by the internet provider America Online that will permit people to go on-line without the need for a PC. Devices like screen phone should be able to connect up to the net quicker and be more convenient to use in a domestic setting. The selling of such screen phones is likely to be in partnership with the French telecoms firm Alcatel.

?

File 9:Business & Industry(R) Jul/1994-2004/Mar 24  
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(c) 2004 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 25  
(c)2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/Mar 25  
(c) 2004 The Gale Group  
File 570:Gale Group MARS(R) 1984-2004/Mar 25  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 25  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 25  
(c) 2004 The Gale Group  
File 649:Gale Group Newswire ASAP(TM) 2004/Mar 24  
(c) 2004 The Gale Group

Set	Items	Description
S1	598182	IPAQ OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR PDA OR PDAS OR HANDSPRING OR PIM OR PIMS OR PALMPILOT OR PALMTOP? OR PALM OR NEWTON OR BLACKBERRY
S2	25559	(PEN OR STYLUS OR POCKET) (2W) (COMPUTER? ? OR DEVICE?) OR R- ADIOPHONE?
S3	115772	POCKETPC? OR PERSONAL() INFORMATION() MANAGER? OR PERSONAL() - (DIGITAL OR DATA) () (ASSISTANT? OR ORGANIZER? ?) OR CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE?
S4	718371	(RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR - MOBILE OR MICROCELL? OR WIRELESS OR WIRE() LESS OR FLIP) (1W) (T- ELEPHONE? OR PHONE? ? OR HANDSET? OR HAND() SET? ?)
S5	237922	RADIOPAGER? OR PAGER? OR PAGING(1W) (DEVICE? OR UNIT? ? OR - APPARATUS? OR APP?? ? OR TERMINAL? OR APPLIANCE?) OR VIEWPHON- E? OR SMARTPHONE? OR RADIOTELEPHONE?
S6	72	PERSONAL() DISPLAY? () (DEVICE? OR UNIT? ? OR APPARATUS? OR A- PP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS OR COMPUTER? ?)
S7	2939371	SELFCONTAIN? OR SELF() CONTAIN? OR MOBILE OR PORTABLE OR WI- RELESS OR WIRE() LESS OR HANDHELD OR HAND() HELD OR POCKET OR IR OR INFRARED
S8	582344	S7(2W) (CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? OR UNIT? ? OR APPARATUS? OR APP?? ? OR ORGANIZER? OR TERMINAL? OR APPLIANCE?)
S9	26533	PALMSIZE? OR PALMHOLD? OR FLIPPHONE? OR VIDEOPHONE? OR PIC- TUREPHONE? OR (VIDEO OR PICTURE) (1W) (TELEPHONE? OR PHONE? ? OR HANDSET? OR HAND() SET? ?)
S10	891299	(INTERNET? ? OR WEB OR NET OR WWW OR W3) (1W) SERVICE? ?
S11	797948	ISP OR ISPS OR AOL OR AMERICA(1W) (ONLINE OR LINE) OR COMPU- SERV? ? OR COMPU() SERV? ? OR EARTHLINK OR EARTH() LINK OR EXCI- TE(1W) HOME
S12	42795	ISTAR OR SYMPATICO OR NETCOM OR NET() COM
S13	1649170	(SERVICE OR SERVICES) (1W) (PROVID???? ? OR PROVISION?)
S14	56038	(S1:S6 OR S8:S9) (15N) S10:S13
S15	31019	(S1:S6 OR S8:S9) (15N) S10:S11
S16	327962	S10(10N) S13
S17	4643	S15(S) S16
S18	2986	S17/2000:2004
S19	1657	S17 NOT S18
S20	15608	(S1:S6 OR S8:S9) (5N) S10:S11
S21	321328	S10(5N) S13
S22	1779	S20(S) S21
S23	71	S22 AND (S20 OR S21)/TI
S24	32	S23/2001:2004
S25	39	S23 NOT S24
S26	23	RD (unique items)

S27	23714	(S1:S6 OR S8:S9) (10N) S10:S11
S28	2968	S27(S) S21
S29	2968	S27(S) S21
S30	281	S29 AND (S27 OR S21) /TI, AB
S31	78	S30/2001:2004
S32	164	S30 NOT (S31 OR S23)
S33	124	RD (unique items)

33/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2994306 Supplier Number: 02994306

Plugging in

(Nifty Corp's @nifty ISP leads the Japanese market with a 19.4% market share; country's Internet market numbers over 20 mil users)

Nikkei Weekly, v 38, n 1,954, p 3

November 20, 2000

DOCUMENT TYPE: Journal; Ranking; Industry Overview ISSN: 0918-5348 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

This article provides a broad overview of the Japanese Internet service provider market. An included table ranks the top ISP by market share, with Nifty Corp's...

...revenues for the term ending 3/2000.

Over 20 mil people in Japan subscribe to Internet services. Internet service providers are facing more competition as telecommunications providers offer new service. For example, NTT DoCoMo Inc has amassed over 14 mil users for its i-mode Internet access service via mobile phones. Article elaborates on other recent activities in the Japanese ISP market.

Ranking of Japanese ISPs by market share, as of 3/2000  
@nifty (Nifty Corp...

33/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2928388 Supplier Number: 02928388

AOL Deal Marks Radical Move in Japan

(AOL Japan Inc will be 42.3% acquired by NTT DoCoMo Inc, which will make a \$100 mil cash investment in the unit)

Wall Street Journal, v CCXXXVI, n 62, p A18

September 28, 2000

DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

NTT DoCoMo Inc, a mobile - phone operator in Japan, will purchase 42.3% of AOL Japan Inc, with DoCoMo making a cash investment of \$100 mil into the unit. AOL is the largest Internet service provider in the world, with 24 mil subscribers, while DoCoMo runs the largest mobile-Internet service...

...subscribers. Japan will be used by the two firms as a testing ground for new Internet services that can be accessed by cellular phones and PCs. AOL currently has 4.6 mil subscribers overseas.

...

33/3,K/7 (Item 7 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2852775 Supplier Number: 02852775

A WIRELESS NATION LIKE NO OTHER

(About 7 mil people access Internet through their mobile phones in Japan and hundreds of Web sites have emerged to support mobile commerce)

Globe & Mail, p T1

June 15, 2000

DOCUMENT TYPE: Regional Newspaper ISSN: 0319-0714 (Canada)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...mobile craze could close the gap with North America. NTT DoCoMo Inc., Japan's largest **wireless** phone company, has almost instantly become the country's largest **Internet service provider** because of the success of its i-mode Web-based phone service. About 7-million...

33/3,K/10 (Item 10 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2806171 Supplier Number: 02806171 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**GoAmerica offers handheld service**

(Through its Go. Web service , GoAmerica will supply wireless Internet access for Handspring Visor handhled computer)

RCR Radio Communications Report, v 19, p 26

May 15, 2000

DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 61

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Through its Go. Web service , GoAmerica will supply wireless Internet access for Handspring Visor handhled computer)

TEXT:

HACKENSACK, N.J.-GoAmerica Inc., a wireless **Internet service provider** , will provide wireless Internet access for the **Handspring Visor handheld computer** through its Go. Web service .

The service will allow individuals and businesses wireless access to POP3 e-mail, the Internet...

33/3,K/14 (Item 14 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2784952 Supplier Number: 02784952 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**INFOCOM LAUNCHES WAP-ENABLED PORTAL IN PHILIPPINES**

(Infocom Technologies becomes the first Internet service provider in the Philippines to launch a wireless application protocol (WAP) enabled portal)

Asia Pulse, p n/a

April 18, 2000

DOCUMENT TYPE: Custom Wire (Southern & Eastern Asia)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 342

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Infocom Technologies becomes the first Internet service provider in the Philippines to launch a wireless application protocol (WAP) enabled portal)

TEXT:

...services on the Internet on in an Internet or corporate IT Network.

With Infocom's **internet service provider** , one can use any WAP **cellphone** (like Nokia 7110 or the soon-to-be released Ericsson (320) to have access to...

33/3,K/15 (Item 15 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2774774 Supplier Number: 02774774

**SURVEY - PORTUGUESE BANKING AND FINANCE:** In line for tempting offers:

**TELECOMMUNICATIONS** by Jeremy Grant: Deregulation of the market is in full swing and a fierce battle is under way between Portugal Telecom and industry newcomers for the hearts and wallets of the country's telecommunication consumers

(Deregulation has brought intense competition in Portugal's telecommunications market, which one observer says has "huge pent-up demand")

Financial Times Surveys Edition, p 02

April 17, 2000

DOCUMENT TYPE: Business Newspaper; Industry Overview ISSN: 0307-1766 (United Kingdom)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

...been able to move directly from fixed-line service to a system of mobile and **Internet** -based **services** **provided** via a broadband network.

According to analysts Portugal's **mobile phone** penetration level reached 47% in 1999. Diego Hernando of investment house

Midas Investimentos calls Portugal...

33/3,K/17 (Item 17 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2764709 Supplier Number: 02764709 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**U.S. heavyweight faces heavy-handed competition across the Pacific -- Palm makes a grab for Japan's gadget market**

(Palm Inc establishessubsiidiary in Japan and will introduce two

Japanese-language Palm Pilots under its own brand name next month; will compete against Sharp Corp and others)

Electronic Engineering Times, p 38

March 27, 2000

DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1094

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**ABSTRACT:**

...its partners, including Casio, Compaq, Fujitsu, Hitachi and NEC, which are offering Windows CE-enabled **PDA**s and **palmtop** PCs in Japan.

Meanwhile, Japan's wireless **Internet service providers** are defining platforms for **mobile terminals**, i.e., **cell phones**, smart phones and PDAs, with wireless Internet capability. Palm and its rivals are trying to

...

**TEXT:**

...its partners, including Casio, Compaq, Fujitsu, Hitachi and NEC, which are selling Windows CE-enabled **PDA**s and **palmtop** PCs in Japan.

Moreover, Japan's wireless **Internet service providers** are defining platforms for **mobile terminals** - **cell phones**, **smart phones** and PDAs-with wireless Internet capability. Like its competitors, Palm is seeking ways to associate...

33/3,K/35 (Item 35 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2651091 Supplier Number: 02651091

**Sprint, IBM Set Up Venture For Wireless Web Access**

(International Business Machines Corp will collaborate with Sprint Corp on

development of a wireless Internet/Intranet access service for business customers)

Wall Street Journal , v ccxxxiv, n 108, p b4

December 02, 1999

DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...wireless Internet/Intranet access service for business customers. In 9/99, Sprint introduced its Wireless Web service that provided limited Internet access via wireless phones . This joint venture will enable users to access data on the Internet in real time...

?t33/3,k/39,42-43,47,50,53-55,61-62

33/3,K/39 (Item 39 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2621159 Supplier Number: 02621159 (USE FORMAT 7 OR 9 FOR FULLTEXT)

AMSC launches eLink

(American Mobile Satellite offers eLink wireless e-mail services commercially)

RCR Radio Communications Report, v 18, n 41, p 8

October 11, 1999

DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 698

ABSTRACT:

...that because the device has an Internet slant, AMSC will court additional strategic affiliations with Internet service providers . Additionally, the company stated, that in connection with the launch, it has entered into a...

...strategic alliance with GoAmerica Communications Corp, which permits eLink users to access GoAmerica's Go. Web service on their pagers . The article provides additional information on the launch and the new service.  
...

33/3,K/42 (Item 42 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2565044 Supplier Number: 02565044 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Psion Taps LineOne ISP For Internet Psion Internet Service

(Psion teams up with LineOne (UK), ISP, to launch Psion-specific subset of the main Internet service ; Psion will introduce Series 7 personal digital assistant at end-9/99)

Newsbytes News Network, p N/A

September 07, 1999

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 433

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Psion teams up with LineOne (UK), ISP, to launch Psion-specific subset of the main Internet service ; Psion will introduce Series 7 personal digital assistant at end-9/99)

TEXT:

LONDON, ENGLAND, 1999 SEP 7 (NB) -- By Steve Gold, Newsbytes. Psion, the palmtop specialist, has partnered with LineOne, a UK Internet service provider ( ISP ), to launch a Psion-specific subset of the main Internet service.

The move lays the...



33/3,K/43 (Item 43 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2546579 Supplier Number: 02546579

**Services upgraded**

( Internet service provider Dream Net to expand services for personal digital assistant users, including free connection to NTT Mobile Communications' packet data transmission service)

Nikkei Weekly, v 37, n 1,886, p 7

July 26, 1999

DOCUMENT TYPE: Journal ISSN: 0918-5348 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

( Internet service provider Dream Net to expand services for personal digital assistant users, including free connection to NTT Mobile Communications' packet data transmission service)

**ABSTRACT:**

Internet service provider Dream Net Corp will expand its services for personal digital assistant users beginning 8/1/99. For a Yen480 fee, users will receive up to three...

33/3,K/47 (Item 47 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2458563 Supplier Number: 02458563 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Ericsson & OZ.com Team Up For iPulse**

(OZ.com and Ericsson join for introduction of new application for Internet service providers through which users are interconnected to each other by computer, phone, pager, or mobile phone via simple point-and-click user interface)

Newsbytes News Network, p N/A

May 13, 1999

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 464

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(OZ.com and Ericsson join for introduction of new application for Internet service providers through which users are interconnected to each other by computer, phone, pager, or mobile phone...

)

**TEXT:**

...and Ericsson (NASDAQ:ERICY) of Sweden have teamed up to launch a new application for Internet service providers ( ISPs ) that interconnects users to each other by computer, phone, pager , or mobile phone, using a simple point-and-click user interface.

Known as iPulse, the...

33/3,K/50 (Item 50 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2401460 Supplier Number: 02401460 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**High-speed Data Coming To Dallas**

(Clearwire Technologies is launching a wireless network for Internet access that will provide data rate up to 640 Kbps)

Wireless Week, p 18

March 08, 1999

DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 540

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...the unlicensed 2.4 GHz frequency band. The wireless network services will be sold to **Internet service providers** who will provide the service to business customers. Clearwire also plans to offer consumers a...

TEXT:

...also are future plans to enter the consumer market, including a plug-in modem for **portable** computers.

Clearwater intends to sell its access to **Internet service providers**, who then would price the service to their own data-hungry business customers. Clearwater President...

33/3,K/53 (Item 53 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2182897 Supplier Number: 02182897

**Cidco acquires caller ID biz from IntelliData**

(IntelliData sold its caller ID equipment and associated operations to Cidco for \$3.5+ mil)

TWICE, v 13, n 15, p 33

June 29, 1998

DOCUMENT TYPE: Journal ISSN: 0892-7278 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...Morgan Hill, CA) for \$3.5+ mil. Cidco will also launch upgrades of its **iPhone screen** phone, including secured e-mail, allowing web access through almost any **Internet service provider** and other improvements. IntelliData will now focus on the small office/home office segment. Cidco ...

33/3,K/54 (Item 54 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2047012 Supplier Number: 02047012

**New Wave of Screen Phones Is Ready to Hit the Market**

(Cidco Inc, Philips Consumer Communications and Mitsui Comtek Corp each plan to introduce screen phones that will be able to handle many data communications functions that personal computers perform)

New York Times, v 147, n 51,049, p C2

January 26, 1998

DOCUMENT TYPE: National Newspaper ISSN: 0362-4331 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...Interactive Phone will cost \$599 and Philips Consumer's screen phone will cost \$650. The **screen** phone manufacturers are trying to negotiate deals with **Internet service providers** and telephone companies to attract affluent consumers and a wider customer base. When the screen...

33/3,K/55 (Item 55 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2003091 Supplier Number: 02003091 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WolfeTech teams with Nettech on RF**

(WolfeTech has embedded Nettech Systems' Instant RF middleware in the **Pocket Genie** Internet access service to supply on-demand data to two-way pager end users)

RCR Radio Communications Report, v 16, n 45, p 23  
November 24, 1997  
DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 59

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**(WolfeTech has embedded Nettech Systems' Instant RF middleware in the Pocket Genie Internet access service to supply on-demand data to two-way pager end users)**

TEXT:

...WolfeTech Corp. announced it has embedded Nettech Systems' Instant RF middleware in the Pocket Genie Internet access service to provide on-demand information to two-way pager end users. Pocket Genie is WolfeTech's Web-based information service.

The InstantRF middleware provides...

33/3,K/61 (Item 61 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1453947 Supplier Number: 01453947 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**MOBILE AGENTS: HOW TO BROWSE THE INTERNET WITHOUT REALLY TRYING**  
**(General Magic developing software kit for the creation of Internet-based mobile agents)**  
America's Network, v 100, n 7, p 16  
April 01, 1996  
DOCUMENT TYPE: Journal ISSN: 1075-5292 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 745

ABSTRACT:

...to roam freely on their machines. General Magic's vice president Jim White feels that Internet Service Providers (ISP) could allow customers to store a mobile client on the ISP's server for a fee, in much the same way that many ISPs allow customers...

33/3,K/62 (Item 62 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1444231 Supplier Number: 01444231 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**2 Motorola products allow Internet access**  
**(Motorola Wireless Internet Services will provide cellular and personal communications services subscribers with Internet access)**  
RCR Radio Communications Report, v 15, n 13, p 10  
March 25, 1996  
DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 188

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**(Motorola Wireless Internet Services will provide cellular and personal communications services subscribers with Internet access)**

TEXT:

...Ill. -- Motorola Inc.'s Cellular Infrastructure Group announced its cast of wireless applications that enable cellular phone users to access information directly from the Internet.

Motorola Wireless Internet Services will provide cellular and personal communications services subscribers with the ability to retrieve information including e-mail...

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES  
?t33/3,k/70-71,78,80,82-83,88-90,93

33/3,K/70 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08006852 Supplier Number: 64827590 (USE FORMAT 7 FOR FULLTEXT)  
**Maine's famous local area network. (Company Operations)**  
Communications News, v37, n8, p58  
August, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 823

ABSTRACT:  
Midcoast Internet Solutions (MIS), a Maine Internet service provider (ISP), has implemented a wireless LAN device from BreezeCOM, greatly speeding up MIS' Internet access speeds. MIS' first wireless LAN tower cost ...

33/3,K/71 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07994987 Supplier Number: 63366236 (USE FORMAT 7 FOR FULLTEXT)  
**Computers. (computer industry marketing plans, along with cooperative deals from Internet Service Providers ) (Brief Article)**  
WASSERMAN, TODD  
MEDIaweek, v10, n17, pU22  
April 24, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Academic  
Word Count: 744

**Computers. (computer industry marketing plans, along with cooperative deals from Internet Service Providers ) (Brief Article)**  
... a PC now, there's usually an offer for a three-year contract with an Internet service provider, which cuts about \$400 off the purchase price. This cell phone-like model had been talked about for years, but finally hit in mid-1999.  
Of...

33/3,K/78 (Item 15 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07718073 Supplier Number: 64378626  
**Compaq, Microsoft offer Net appliance.**  
Heim, Kristi  
San Jose Mercury News, pC5(1)  
August 16, 2000  
Language: English Record Type: Abstract  
Document Type: Newspaper; General Trade

ABSTRACT:  
...Microsoft operating system that provides access to the World Wide Web only via Microsoft's Internet service provider, MSN. The iPaq's capabilities include Web browsing, e-mail and instant messaging. The device is priced at...

33/3,K/80 (Item 17 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07424892 Supplier Number: 62399960  
**UK: BT CELLNET REVEALS GPRS SYSTEM.**  
The Guardian, p5  
June 1, 2000  
Language: English Record Type: Abstract  
Document Type: Newspaper; General

**ABSTRACT:**

...businesses where mobile phone use is high. The system provides instant Internet access since the **mobile** phone is always linked up to a firm's **Internet service provider** (ISP) or local area network (LAN). Mobile access will be available to company intranets thanks...

33/3,K/82 (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07190783 Supplier Number: 61397839 (USE FORMAT 7 FOR FULLTEXT)  
**Sports.com To Launch Leading Sports WAP-enabled Web -site Service in the UK for Mobile Phones With Motorola and BT Cellnet's Genie Internet.**  
PR Newswire, p7028  
April 7, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 974

**Sports.com To Launch Leading Sports WAP-enabled Web -site Service in the UK for Mobile Phones With Motorola and BT Cellnet's Genie Internet.**

... the first service in the world to send information from the Internet direct to a **mobile** phone.

\* March 1999: BT Cellnet launched the UK's first Mobile **Internet Service**

**Provider** , Genie Internet (www.genie.co.uk)

\* November 1999: BT Cellnet and Barclaycard completed the UK...

33/3,K/83 (Item 20 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07171070 Supplier Number: 59777088  
**THAILAND: TIE-UP BY AIS AND CS COMMUNICATION.**  
Nation, p2  
Feb 25, 2000  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...offering free online access in Thailand has been inked by Advanced Info Service (AIS) and **Internet service provider** (ISP) CS Communication. Under the deal, the biggest Thai **mobile** phone operator AIS and CS will provide free Internet access to 600,000 subscribers of AIS GSM 900. GSM 900 **mobile** phone subscribers can receive **Internet services** accessibility on a PC, with no requirement for ISP subscription. The free service, which is...

33/3,K/88 (Item 25 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07106464 Supplier Number: 60088529  
**AOL in deals to offer wireless Web access. (Company Business and Marketing)**  
Los Angeles Times, pC1  
Feb 29, 2000

Language: English      Record Type: Abstract  
Document Type: Newspaper; General Trade

ABSTRACT:

America Online has announced deals with Sprint PCS, Motorola, and Nokia aimed at developing wireless **Internet services** for users of next-generation **handheld devices** and phones. It is projected that more than 1 billion **mobile phones** will be in use by 2003 worldwide. The deals **AOL** is working on reflect a trend among major **Internet service providers** that are beginning to clamor for a foothold in the wireless market. Yahoo, MSN, Earthlink...

33/3,K/89      (Item 26 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07025098      Supplier Number: 58577180  
**GERMANY: E-PLUS WITH INTERNET SERVICE PROVIDER .**  
Frankfurter Allgemeine, p17  
Jan 14, 2000  
Language: German; NONENGLISH      Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**GERMANY: E-PLUS WITH INTERNET SERVICE PROVIDER .**

ABSTRACT:

German E-Plus Mobilfunk, which is to become part of KPN, will introduce its own **Internet service provider** in the first quarter of 2000. The **mobile phone** company claims that E-Plus Online will be the first integrated portal of a telecoms...

33/3,K/90      (Item 27 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07020050      Supplier Number: 59234872  
**EUROPE: AOL JOINS WITH ERICSSON AND NOKIA.**  
The Guardian, p26  
Feb 8, 2000  
Language: English      Record Type: Abstract  
Document Type: Newspaper; General

ABSTRACT:

**Internet service provider , AOL Europe, has teamed up with mobile phone manufacturers, Ericsson and Nokia to provide online content for mobile phones. Initially, content will concentrate...**

33/3,K/93      (Item 30 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06843168      Supplier Number: 57528723  
**AUSTRALIA: C&W OPTUS PLANS TO BE TOP ISP.**  
Australian Financial Review, p27  
Nov 10, 1999  
Language: English      Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

Cable & Wireless Optus (C&W Optus) of Australia plans to be the top **Internet service provider** in the country by 2003. The firm will market its **Internet services** to its 2.2 mn **mobile phone** subscribers to build up its operations as an **ISP** . It intends to boost its present market share in the Internet service field from 7...  
?t33/3,k/95-98,101,112,114,118

33/3,K/95 (Item 32 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06571462 Supplier Number: 55480831 (USE FORMAT 7 FOR FULLTEXT)  
**Web high-wireless act hits town.(Company Business and Marketing)**  
Dodge, John  
PC Week, p3  
August 16, 1999  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 737

ABSTRACT:

...Web-ready phones now in utilization. Sprint PCS last week announced the debut of Wireless **Web services** in the Kansas City, MO market. These services will provide **smart - phone** users with limited Web access over Sprint's CDMA (Code Division Multiple Access) network. Sprint...  
... some time before customers find the services truly useful.  
Sprint PCS last week announced Wireless **Web services** that **provide smart - phone** users with limited Web access over Sprint's CDMA (Code Division Multiple Access) network. The...

33/3,K/96 (Item 33 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06551158 Supplier Number: 55397977  
**MALAYSIA: SLEW OF NEW SERVICES FROM MAXIS.**  
Star, p38  
August 10, 1999  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...Internet via the cellular phone will cost the same as a local call with the **cellular** phone. Maxis will also to activate its **Internet Service Provider** status with allowing its customers to get on-line through the Maxis cellular network, Telekom...

33/3,K/97 (Item 34 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06551116 Supplier Number: 55397614  
**HONG KONG: SUNDAY AIMS VALUE ADDED SERVICES.**  
South China Morning Post, p2  
August 10, 1999  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

ABSTRACT:

Sunday will combine **cellular phone** service and **Internet services** to **provide** value added **mobile phone** services to subscribers. Sunday will develop the technology with Nortel Networks using high-speed general...

33/3,K/98 (Item 35 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06360119 Supplier Number: 54703852 (USE FORMAT 7 FOR FULLTEXT)  
**3Com Palm VII means business on handhelds.(Hardware Review)(Evaluation)**  
Bethoney, Herb  
PC Week, v16, n21, p1

May 24, 1999

Language: English Record Type: Fulltext Abstract  
Article Type: Evaluation  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 789

ABSTRACT:

3Com's Palm VII **personal digital assistant ( PDA )**, when used with the company's **Palm . Net Internet service**, provides wireless access to the Web as well as corporate databases. The Palm VII is a...

...system is employed in place of a Web browser to help extend battery life. The **Palm VII** is priced at \$599. The **Palm . Net Internet service** costs \$9.99 for the basic plan, \$24.99 for the expanded plan.  
...

33/3,K/101 (Item 38 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06172299 Supplier Number: 54021919  
UK: DIXONS AND CELLNET BOOSTED BY INTERNET.  
Daily Telegraph, p39  
Feb 25, 1999  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

ABSTRACT:

...have both been helped by their internet developments reflecting favourable on share prices. Cellnet, the **mobile** phone network, is the first in its industry to become an **internet service provider**. It predicts by 2005 more phones will be on the web than PCs. It is...

33/3,K/112 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04545859 SUPPLIER NUMBER: 18502580 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**It's time to get smart; Geoworks and BellSouth to employ digital cellular technology. (Company Business and Marketing)**  
Moore, Mark  
PC Week, v13, n29, p8(1)  
July 22, 1996  
ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 516 LINE COUNT: 00047

...ABSTRACT: plans to enhance its GEOS operating system with Internet content and network services designed for **smart** phones. The **Internet services** will **provided** customized financial and travel information, magazine titles, entertainment and electronic commerce capabilities and other content...

33/3,K/114 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09790958 SUPPLIER NUMBER: 19868156 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**RAM Mobile Data's RAMfirst pager does it all. (combined pager and paging service) (Hardware Review) (Evaluation)**  
Garza, Victor R.  
InfoWorld, v19, n41, p69(1)  
Oct 13, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 556 LINE COUNT: 00044



...ABSTRACT: standard text pages, e-mail and text-to-voice or text-to-fax messages. The **pager** also receives the **Web Inquiry service** to provide users with stock quotes and weather information. RAMfirst's QWERTY keyboard layout is efficient and...

**33/3,K/118 (Item 6 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08334020 SUPPLIER NUMBER: 17855806 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Apple demos Newton version. (version 2.0 of Apple's Newton operating system) (Product Announcement)**  
Electronic News (1991), v41, n2094, p28(1)  
Dec 4, 1995  
DOCUMENT TYPE: Product Announcement ISSN: 1061-6624 LANGUAGE:  
English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 522 LINE COUNT: 00045

...ABSTRACT: Benett. Newton's Internet functionality will be enhanced to provide direct Internet access through an **Internet service provider** via a TCP/IP stack that will be available in the 1st qtr of 1996...  
... Compuserve, America On-Line and eWorld, Ms. Benett said. For direct Internet access via an **Internet service provider**, a TCP/IP stack will be available for **Newton** in the first quarter of 1996, and a third-party vendor, AllPen Software Inc., is...  
?t33/3,k/120,123

**33/3,K/120 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02124771 SUPPLIER NUMBER: 19992211 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**How the Net can be the talk of the town. (The Smart View)**  
**(Internet/Web/Online Service Information) (Column)**  
Duffey, Kevin  
Computer Weekly, p38(1)  
Oct 16, 1997  
DOCUMENT TYPE: Column ISSN: 0010-4787 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 634 LINE COUNT: 00053

...ABSTRACT: mobile phone technology and the Internet offers tremendous commercial potential to both mobile users and **Internet service providers**. The mobile **Internet service** offers wireless users access to the wealth of information the Internet provides and **ISPs** the opportunity to provide new value-added services. **Mobile phone** companies can also improve their value-added services, such enhanced voicemail and users' ability to...

**33/3,K/123 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04435474 Supplier Number: 55813047 (USE FORMAT 7 FOR FULLTEXT)  
**VODAFONE: Vodafone becomes an Internet service pr provider .**  
M2 Presswire, pNA  
Sept 20, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 299

**VODAFONE: Vodafone becomes an Internet service pr provider .**  
RDATE:160999  
Vodafone, the UK's most popular **mobile phone** operator, today announces it is becoming an **Internet Service Provider (ISP)**

offering subscription free internet access for everyone. Lunched to  
complement Vodafone Interactive, vodafone.net will...  
?

26/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 Resp. DB Svcs. All rts. reserv.

2926065 Supplier Number: 02926065 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**DOCOMO, AOL IN PACT TO COMBINE FIXED, WIRELESS SERVICES**  
(NTT DoCoMo (Japan), a mobile phone company, forms an alliance with America Online (US), an Internet connection service provider, under which the two firms will cooperate in the promotion of their services in the US and Japan)

Asia Pulse, p n/a

September 28, 2000

DOCUMENT TYPE: Custom Wire (Southern & Eastern Asia)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 351

(NTT DoCoMo (Japan), a mobile phone company, forms an alliance with America Online (US), an Internet connection service provider, under which the two firms will cooperate in the promotion of their services in the...

)

TEXT:

...AOL) on Wednesday formally announced an alliance that will bring together the world's largest Internet connection service provider and Japan's top mobile phone company.

The major goal of the partnership will be a strategy dubbed Fixed Mobile Convergence...

26/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2841280 Supplier Number: 02841280 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Aether, Microsoft Team For Pocket PC Expansion**  
(Microsoft to market Aether Systems' wireless 'Enterprise' Internet service provider service to Windows-based Pocket PC corporate users)

Newsbytes News Network, p N/A

June 27, 2000

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 393

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Microsoft to market Aether Systems' wireless 'Enterprise' Internet service provider service to Windows-based Pocket PC corporate users)

TEXT:

...the "Aether Intelligent Messaging" (AIM) platform.

For \$39.99 a month, Aether's wireless "Enterprise" Internet service provider (ISP) service for Pocket PCs will offer unlimited real-time, full-color wireless access to the full Internet, e-mail...

26/3,K/4 (Item 4 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2730647 Supplier Number: 02730647 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**DT plans to offer data on mobile phones**

(Deutsche Telekom to merge its cellular phone units and Internet service provider to offer mobile data services on cell phones through the Internet; T-Online is said to be largest in Europe with 4.2 mil users

)  
RCR Radio Communications Report, v 19, p 107  
February 28, 2000  
DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 124

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
(Deutsche Telekom to merge its cellular phone units and Internet service provider to offer mobile data services on cell phones through the Internet; T-Online is said...  
)

TEXT:

BONN, Germany-Deutsche Telekom AG reportedly will combine its Internet service provider and cellular phone units to offer mobile data services on cellular phones via the Internet.

Deutsche Telekom's...

26/3,K/5 (Item 5 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 Resp. DB Svcs. All rts. reserv.

2729545 Supplier Number: 02729545

Taiwan Sold on Cell Phones

(Chunghwa Telecom (Taiwan) and Telefon LM Ericsson (Sweden) to jointly develop Internet services for mobile phones in Chinese language; Taiwan's mobile phone output forecast at 59 mil units in 2002, vs 2 mil units in 1999)

Asian Wall Street Journal Weekly, p 10

March 05, 2000

DOCUMENT TYPE: Business Newspaper ISSN: 0377-9920 (Hong Kong)

LANGUAGE: English RECORD TYPE: Abstract

(Chunghwa Telecom (Taiwan) and Telefon LM Ericsson (Sweden) to jointly develop Internet services for mobile phones in Chinese language; Taiwan's mobile phone output forecast at 59 mil units in 2002...  
)

ABSTRACT:

Chunghwa Telecom (Taipei, Taiwan), Internet service provider, and Telefon LM Ericsson (Sweden) have signed a deal to jointly develop Chinese-language Internet services for mobile phones. Meanwhile, Taiwanese production of mobile phones is set to reach 59 mil units in 2002  
...

26/3,K/6 (Item 6 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2687448 Supplier Number: 02687448

Ford and GM Sign Pacts With Web Sites

(General Motors Corp and Ford Motor Co have separately entered into agreements with leading Internet services providers, America Online Inc and Yahoo! Inc, respectively)

Wall Street Journal, v CV, n 7, p A3+

January 10, 2000

DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)

LANGUAGE: English RECORD TYPE: Abstract

(General Motors Corp and Ford Motor Co have separately entered into agreements with leading Internet services providers, America Online Inc and Yahoo! Inc, respectively)

ABSTRACT:

General Motors Corp and Ford Motor Co have separately entered into agreements with leading **Internet services providers**, America Online Inc and Yahoo! Inc, respectively. In GM's arrangement with AOL, access to ...

...the GM satellite-based information service for automobile drivers. Initially, GM drivers could access some **Internet services** via **cellular phones** using the OnStar in-car communications service's "Virtual Adviser." In the agreement between Ford...

26/3,K/7 (Item 7 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2628217 Supplier Number: 02628217  
Bell Atlantic Corp.: Web Access via cell phones is expected to be introduced  
(Bell Atlantic planning new Web Access service that provides Internet access via cell phones and other devices)  
Wall Street Journal , v CCXXXIV, n 91, p B6  
November 08, 1999  
DOCUMENT TYPE: Business Newspaper ISSN: 0099-9660 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

(Bell Atlantic planning new Web Access service that provides Internet access via cell phones and other devices)

26/3,K/8 (Item 8 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2602647 Supplier Number: 02602647  
TECHNOLOGY  
(Research in Motion Ltd will supply BlackBerry Internet product to **espernet.com**; BlackBerry Internet Edition lets ISPs offer end-to-end wireless E-mail solution with single mailbox integration)  
Globe & Mail, p B8  
September 30, 1999  
DOCUMENT TYPE: Regional Newspaper ISSN: 0319-0714 (Canada)  
LANGUAGE: English RECORD TYPE: Abstract

(Research in Motion Ltd will supply BlackBerry Internet product to **espernet.com**; BlackBerry Internet Edition lets ISPs offer end-to-end wireless E-mail solution with single mailbox integration)

ABSTRACT:  
Research in Motion Ltd. (Waterloo, Ontario) will supply its **BlackBerry** Internet product to **Internet service provider** **espernet.com** (New York). The BlackBerry Internet Edition, which will be offered to more than 270,000 **espernet.com** subscribers, is designed to allow **Internet service providers** to offer an end-to-end wireless E-mail solution with single mailbox integration. The...